

09902907 011802

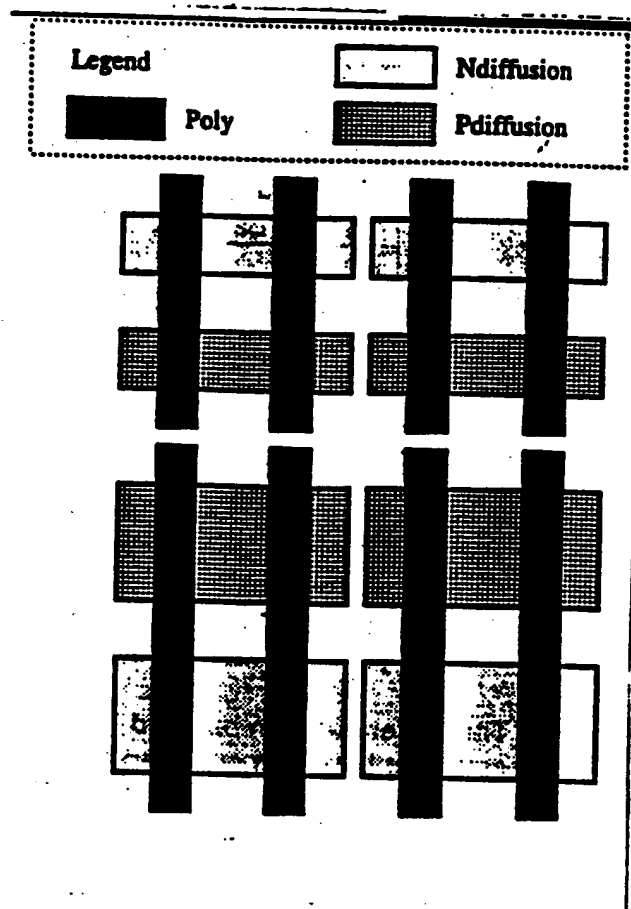





FIG. 1

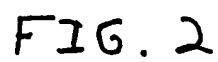
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Legend

 Poly

 Ndiffusion

 Pdiffusion



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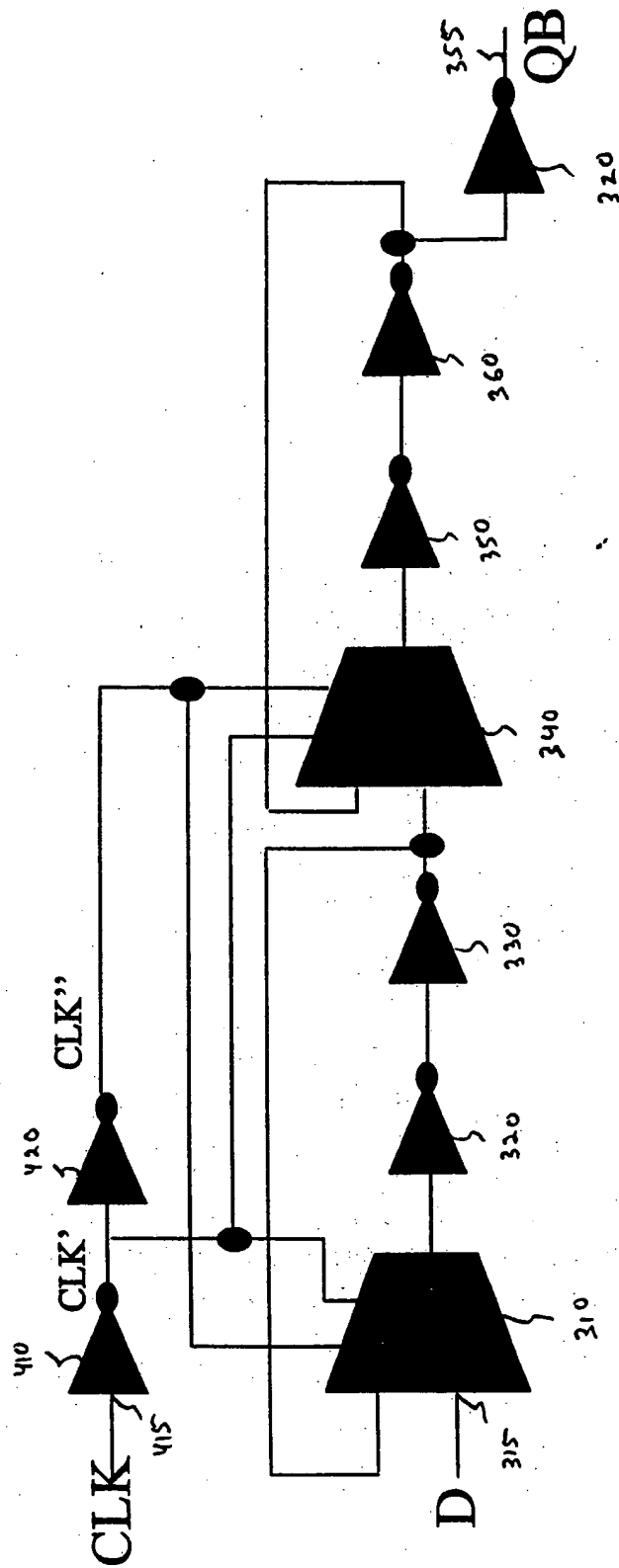


FIG. 3

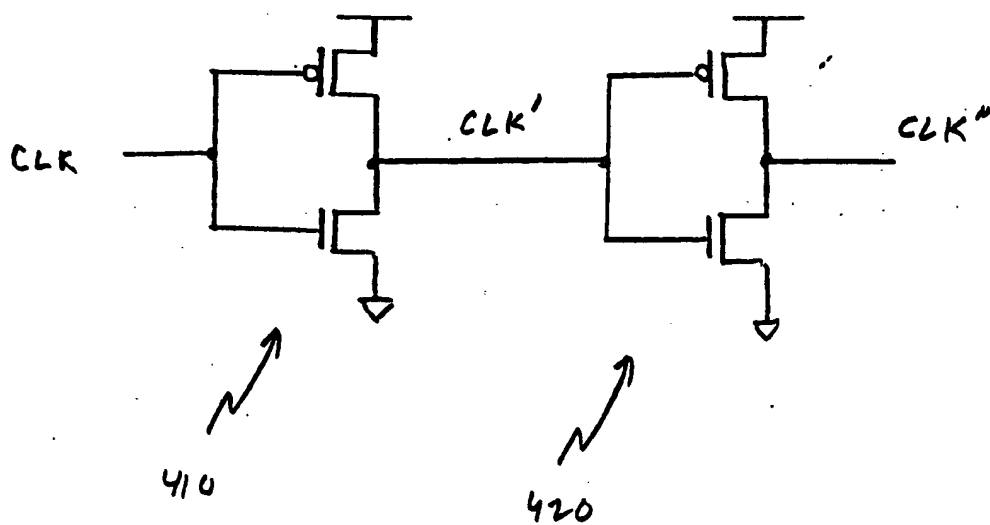


FIG. 4

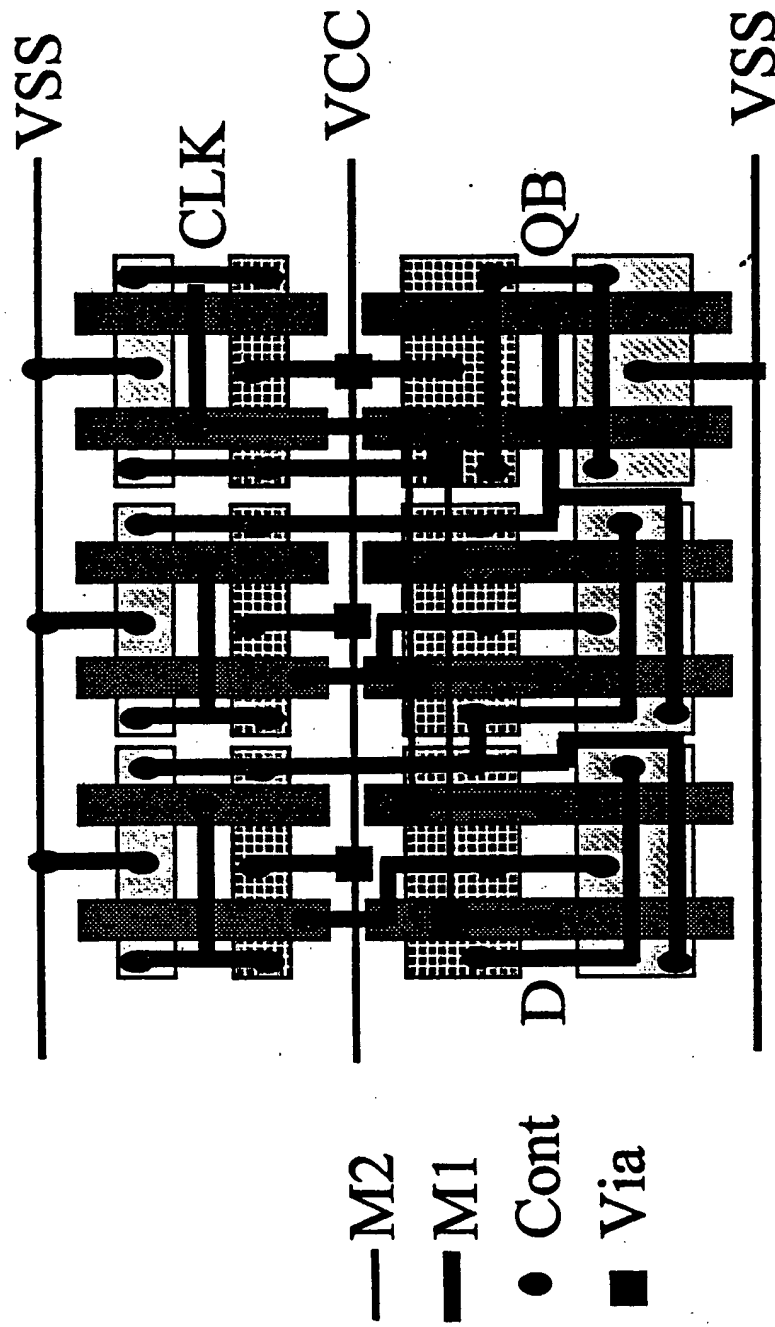


FIG. 5

Table 2


Name	Clock Pin Power	Notes
Capacitance Improved	0.06 pJ	FIG. 2
Si Arc	0.13 pJ	Si Arc CBA
Traditional	0.15 pJ	FIG. 2

pJ = pico Joules

FIG. 6

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FIG. 7.

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